



## RESUME OF AU YEW RONG ROYDON

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| [https://roydonauyr.github.io/Roydon\\_portfolio/](https://roydonauyr.github.io/Roydon_portfolio/)

### PERSONAL DESCRIPTION

Highly adaptive, experimental-driven, fast learner, strong leadership, fast decision making, and a team player.

### EDUCATION

#### Nanyang Technological University

*Expected Graduation: Jul 2024*

BEng in Computer Science, School of Computer Science and Engineering

GPA: 4.72

Bachelor of Business, Nanyang Business School, Specialisation in Business Analytics

GPA: 4.7

NBS Dean's List

AY2020 – AY2021

Current Year: Year 3

### JOB EXPERIENCE

#### Intern of Applied Intelligence Team in Accenture

*June 2022 – Jul 2022*

- Helped clients produce an image segmentation machine learning model for detecting covid19 in lungs
- Helped clients produce a random forest model for signal processing
- Created an aws architecture for an end to end object detection model to improve the workflow of nurses
- Trained and tested a Resnet Model on AWS Sagemaker and AWS Rekognition
- Cleaned, merged and conducted EDA for analysis on energy usage with regards to HDB

#### Intern of Operations Team in Accenture

*May 2022 - May 2022*

- Helped in deployment of code to productions
- Helped in resolving tickets and worked closely with Client to overcome challenges
- Supported the team in testing and devops (change and release) processes through Pega Systems (Automation)

#### Intern of Marketing and Brand Team in The Ascott Limited (Subsidiary of CapitaLand)

*May 2021 - Jul 2021*

- Helped analyse previous campaigns and presented findings to improve sales
- Generated reports from google analytics
- Helped in optimising SEO and SEM

#### Staff Assistant of Medical Review Centre in Police National Service Department

*Jan 2018 - Jan 2020*

- Main Coordinator of Digitalisation Project (Facilitated the scanning of medical documents into digital copies)
- Use of excel to extract and key in data (Scheduling of Medical Reviews)

### TECHNICAL SKILLS

#### Certified AWS Solutions Architect Associate (Cloud and Database Services)

*May 2020 - May 2023*

- Comprehensive understanding of AWS Services and Technologies
- Able to strategically design well-architected distributed systems that are scalable, resilient, efficient and fault tolerant

#### Basics of Python, C++, Swift, Java, R Studio, SQL and NOSql

- R Studio (Analysis of Statistics)
- Python Projects (Blockchain data structures)

#### Machine Learning Course

*Sep 2019*

- By Stanford University, Prof Andrew Ng
- Supervised, Unsupervised Learning, : Gradient Descent, Random Forest, Bayesian, Neural Network, KNN

### SPECIAL AWARDS

First in CitiHack 2022 – Build a personalised wealth banking application

*Aug 2022*

Finalist in ESG Competition by Goldman (GS Engage 2022)

*May 2022*

First in Accenture Pitch Competition- Proposed a F&B application that makes restaurants more sustainable

*Mar 2022*

NBS Dean's List

*2020 –2021*

First Runner Up in JunctionXAsia Hackathon, Social Good Category by Microsoft

*June 2020*

Certificate for AWS Solutions Architect Associate

*May 2020 - May 2023*

### LANGUAGES

Fluent in English and Fluent in Chinese (Level 6 HSK Proficiency Test taken)

### Recent competitions/ programs

IMDA SG Digital Young Leaders programme

*Year 2021-Now*